

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09977609 on November 26, 2001

- 09/977 609
- 9 363/60 (7 OR, 2 XR)
Class 363 : ELECTRIC POWER CONVERSION SYSTEMS
363/25With automatic control of the magnitude of
output voltage or current
363/59 .With voltage multiplication means (i.e., V_{out}
> V_{in})
363/60 ..Including semiconductor means
- 8 327/536 (5 OR, 3 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR
SYSTEM
327/530 .With specific source of supply or bias voltage

327/534 ..Having particular substrate biasing
327/535 ...Having stabilized bias or power supply level

327/536Charge pump details
- 6 307/110 (0 OR, 6 XR)
Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
SYSTEMS
307/109 CAPACITOR
307/110 .Parallel-charge, series-discharge (e.g.,
voltage doublers)
- 6 327/537 (1 OR, 5 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR
SYSTEM
327/530 .With specific source of supply or bias voltage

327/534 ..Having particular substrate biasing
327/535 ...Having stabilized bias or power supply level

327/537With field-effect transistor
- 6 363/89 (4 OR, 2 XR)
Class 363 : ELECTRIC POWER CONVERSION SYSTEMS
363/25With automatic control of the magnitude of
output voltage or current
363/74 .With condition responsive means to control the
output voltage or current
363/78 ..Cooperating separate sensing and control
means
363/84 ...For rectifier system
363/89With transistor control means in the line
circuit
- 5 327/541 (2 OR, 3 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR
SYSTEM
327/530 .With specific source of supply or bias voltage

327/538 ..Stabilized (e.g., compensated, regulated,
maintained, etc.)
327/540 ...With voltage source regulating
327/541With field-effect transistor
- 5 330/253 (1 OR, 4 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,

- TRANSISTOR)
- 330/252 Including differential amplifier
- 330/253 ..Having field effect transistor
- 4 327/306 (3 OR, 1 XR)
- Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
- 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
- 327/306 ..Amplitude control
- 3 327/534 (0 OR, 3 XR)
- Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
- 327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
- 327/530 ..With specific source of supply or bias voltage
- 327/534 ..Having particular substrate biasing
- 3 327/535 (0 OR, 3 XR)
- Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
- 327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
- 327/530 ..With specific source of supply or bias voltage
- 327/534 ..Having particular substrate biasing
- 327/535 ...Having stabilized bias or power supply level
- 3 327/543 (0 OR, 3 XR)
- Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
- 327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
- 327/530 ..With specific source of supply or bias voltage
- 327/538 ..Stabilized (e.g., compensated, regulated, maintained, etc.)
- 327/543 ...Using field-effect transistor
- 2 315/127 (0 OR, 2 XR)
- Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
- 315/119 WITH AUTOMATIC SHUNT AND/OR CUTOUT
- 315/127 ..Supply circuit current and/or potential actuated switch
- 2 315/209R (0 OR, 2 XR)
- Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
- 315/209R PERIODIC SWITCH IN THE SUPPLY CIRCUIT
- 2 315/224 (0 OR, 2 XR)
- Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
- 315/209R PERIODIC SWITCH IN THE SUPPLY CIRCUIT
- 315/224 ..Impedance or current regulator in the supply circuit
- 2 315/291 (2 OR, 0 XR)
- Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
- 315/291 CURRENT AND/OR VOLTAGE REGULATION
- 2 315/DIG 4 (0 OR, 2 XR)
- Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
- 315/DIG 4 Dimming circuit for fluorescent lamps

- 2 323/222 (1 OR, 1 XR)
 - Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
 - 323/220 IN SHUNT WITH SOURCE OR LOAD
 - 323/222 .Using choke and switch across source
- 2 323/284 (0 OR, 2 XR)
 - Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
 - 323/234 OUTPUT LEVEL RESPONSIVE
 - 323/265 .Using a three or more terminal semiconductive device as the final control device
 - 323/282 ..Switched (e.g., switching regulators)
 - 323/284 ...With threshold detection
- 2 323/315 (0 OR, 2 XR)
 - Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
 - 323/304 SELF-REGULATING (E.G., NONRETROACTIVE)
 - 323/311 .Using a three or more terminal semiconductive device as the final control device
 - 323/312 ..For current stabilization
 - 323/315 ...Including parallel paths (e.g., current mirror)
- 2 327/205 (0 OR, 2 XR)
 - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
 - 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
 - 327/185 .Particular stable state circuit (e.g., tristable, etc.)
 - 327/199 ..Circuit having only two stable states (i.e., bistable)
 - 327/205 ...Using hysteresis (e.g., Schmitt trigger, etc.)
- 2 327/309 (0 OR, 2 XR)
 - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
 - 327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
 - 327/306 .Amplitude control
 - 327/309 ..By limiting, clipping, or clamping
- 2 327/427 (0 OR, 2 XR)
 - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
 - 327/365 .GATING (I.E., SWITCHING INPUT TO OUTPUT)
 - 327/419 .Utilizing three or more electrode solid-state device
 - 327/427 ..Field-effect transistor
- 2 327/530 (0 OR, 2 XR)
 - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
 - 327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
 - 327/530 .With specific source of supply or bias voltage
- 2 327/540 (0 OR, 2 XR)
 - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
 - 327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
 - 327/530 .With specific source of supply or bias voltage
 - 327/538 ..Stabilized (e.g., compensated, regulated, maintained, etc.)
 - 327/540 ...With voltage source regulating

- 2 327/589 (0 OR, 2 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS
327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR
SYSTEM
327/589 .With bootstrap circuit
- 2 330/257 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/252 .Including differential amplifier
330/257 ..Having current mirror amplifier
- 2 365/226 (0 OR, 2 XR)
Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL
365/226 POWERING